Refine Search

Search Results -

Terms	Documents
L3 and (562/$)	32

Database: US Pre-Grant Publication Full-Text Database; US Patents Full-Text Database; US OCR Full-Text Database; EPO Abstracts Database; JPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Search: L6

Refine Search | Recall Text | Clear | Interrupt

Search History

DATE: Friday, November 24, 2006 Purge Queries | Printable Copy | Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ			
L6	L3 and (562/$)	32	L6
L5	L3 and (terephthalic acid.ti. or aromatic carboxylic acid.ti.)	9	L5
L4	L3 and (terephthalic acid.ti. or aromatic carboxylicacid.ti.)	5	L4
L3	L2 and convers$8	101	L3
L2	L1 and terephthalic acid and xylene	192	L2
L1	oxygen and countercurrent	15557	L1

END OF SEARCH HISTORY

Hit List

First Hit | Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Search Results - Record(s) 1 through 10 of 32 returned.

☐ 1. Document ID: US 20060199975 A1

L6: Entry 1 of 32 File: PGPB Sep 7, 2006

PGPUB-DOCUMENT-NUMBER: 20060199975
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060199975 A1

TITLE: Process for preparing at least one organic target compound by heterogeneously catalyzed gas phase partial oxidation

PUBLICATION-DATE: September 7, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Dieterle; Martin	Mannheim		DE
Muller-Engel; Klaus Joachim	Stutensee		DE
Petzoldt; Jochen	Weisenheim am Berg		DE
Hammon; Ulrich	Mannheim		DE

US-CL-CURRENT: 562/546; 562/547

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 2. Document ID: US 20050107630 A1

L6: Entry 2 of 32 File: PGPB May 19, 2005

PGPUB-DOCUMENT-NUMBER: 20050107630
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050107630 A1

TITLE: Staged countercurrent oxidation

PUBLICATION-DATE: May 19, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Belmonte, Frank G.	Hawthorn Woods	IL	US
Sikkenga, David L.	Wheaton	IL	US
Ogundiran, Olusola Sunday	League City	TX	US
Abrams, Kenneth J.	Naperville	IL	US

Leung, Linus Kai-Wah	Naperville	IL	US
Meller, Christopher G.	Carol Stream	IL	US
Figgins, Dale A.	Houston	TX	US
Mossman, Allen B.	Wheaton	IL	US

US-CL-CURRENT: 562/421

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 3. Document ID: US 20040199006 A1

L6: Entry 3 of 32 File: PGPB Oct 7, 2004

PGPUB-DOCUMENT-NUMBER: 20040199006
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040199006 A1

TITLE: Production of aromatic carboxylic acids

PUBLICATION-DATE: October 7, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Graham, Derek Alexander	Cleveland		GB
Hamley, Paul Anthony	Nottingham		GB
Oliver, Raymond	Stockton On Tees		GB
Poliakoff, Martyn	Nottingham		GB
Woodcock, Duncan C.	Cheshire		GB
Ilkenhans, Thomas	Cambridge		GB

US-CL-CURRENT: 562/412

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 4. Document ID: US 20020028968 A1

L6: Entry 4 of 32 File: PGPB Mar 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020028968
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020028968 A1

TITLE: Production of aromatic carboxylic acids

PUBLICATION-DATE: March 7, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Graham, Derek Alexander	Cleveland		GB

Hamley, Paul Anthony	Nottingham	GB
Ilkenhans, Thomas	Cambridge	GB
Oliver, Raymond	Stockton on Tees	GB
Poliakoff, Martyn	Nottingham	GB
Woodcock, Duncan C.	Cheshire	GB

US-CL-CURRENT: 562/415

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D

☐ 5. Document ID: US 6765113 B2

L6: Entry 5 of 32 File: USPT Jul 20, 2004

US-PAT-NO: 6765113
DOCUMENT-IDENTIFIER: US 6765113 B2

TITLE: Production of aromatic carboxylic acids

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D

☐ 6. Document ID: US 6448436 B1

L6: Entry 6 of 32 File: USPT Sep 10, 2002

US-PAT-NO: 6448436
DOCUMENT-IDENTIFIER: US 6448436 B1

TITLE: Integrated process for the production of 2, 6-naphthalene dicarboxylic acid

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D

☐ 7. Document ID: US 6288273 B1

L6: Entry 7 of 32 File: USPT Sep 11, 2001

US-PAT-NO: 6288273
DOCUMENT-IDENTIFIER: US 6288273 B1

TITLE: Method for producing shell catalysts for catalytic gas-phase oxidation of aromatic hydrocarbons

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D

☐ 8. Document ID: US 6288270 B1

L6: Entry 8 of 32 File: USPT Sep 11, 2001

US-PAT-NO: 6288270

DOCUMENT-IDENTIFIER: US 6288270 B1

TITLE: Methods for controlling the reaction rate of a hydrocarbon to an acid by making phase-related adjustments

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 9. Document ID: US 6183698 B1

L6: Entry 9 of 32 File: USPT Feb 6, 2001

US-PAT-NO: 6183698
DOCUMENT-IDENTIFIER: US 6183698 B1
**** See image for Certificate of Correction ****

TITLE: Devices for controlling the reaction rate of a hydrocarbon to an intermediate oxidation product by pressure drop adjustments

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 10. Document ID: US 6143927 A

L6: Entry 10 of 32 File: USPT Nov 7, 2000

US-PAT-NO: 6143927
DOCUMENT-IDENTIFIER: US 6143927 A

TITLE: Methods for removing catalyst after oxidation of hydrocarbons

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Terms	Documents
L3 and (562/$)	32

Display Format: - Change Format

Previous Page Next Page Go to Doc#

Hit List

First Hit | Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Search Results - Record(s) 11 through 20 of 32 returned.

☐ 11. Document ID: US 6137001 A

L6: Entry 11 of 32 File: USPT Oct 24, 2000

US-PAT-NO: 6137001
DOCUMENT-IDENTIFIER: US 6137001 A

TITLE: Process for preparing aromatic carboxylic acids with efficient treatments of gaseous effluent

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 12. Document ID: US 6037491 A

L6: Entry 12 of 32 File: USPT Mar 14, 2000

US-PAT-NO: 6037491
DOCUMENT-IDENTIFIER: US 6037491 A

TITLE: Methods and devices for controlling hydrocarbon oxidations to respective acids by adjusting the solvent to hydrocarbon ratio

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 13. Document ID: US 5998572 A

L6: Entry 13 of 32 File: USPT Dec 7, 1999

US-PAT-NO: 5998572
DOCUMENT-IDENTIFIER: US 5998572 A

TITLE: Methods and devices for controlling the oxidation of a hydrocarbon to an acid by regulating temperature/conversion relationship in multi-stage arrangements

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 14. Document ID: US 5980801 A

L6: Entry 14 of 32 File: USPT Nov 9, 1999

US-PAT-NO: 5980801
DOCUMENT-IDENTIFIER: US 5980801 A

TITLE: Methods of preparing an intermediate oxidation product from a hydrocarbon by utilizing an activated initiator

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 15. Document ID: US 5961942 A

L6: Entry 15 of 32 File: USPT Oct 5, 1999

US-PAT-NO: 5961942
DOCUMENT-IDENTIFIER: US 5961942 A

TITLE: Effluent gas treatment

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 16. Document ID: US 5939582 A

L6: Entry 16 of 32 File: USPT Aug 17, 1999

US-PAT-NO: 5939582
DOCUMENT-IDENTIFIER: US 5939582 A

TITLE: Reaction control by regulating internal condensation inside a reactor

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 17. Document ID: US 5883292 A

L6: Entry 17 of 32 File: USPT Mar 16, 1999

US-PAT-NO: 5883292
DOCUMENT-IDENTIFIER: US 5883292 A

TITLE: Reaction control by regulating internal condensation inside a reactor

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 18. Document ID: US 5877341 A

L6: Entry 18 of 32 File: USPT Mar 2, 1999

US-PAT-NO: 5877341
DOCUMENT-IDENTIFIER: US 5877341 A

TITLE: Methods and devices for controlling the reaction rate of a hydrocarbon to an intermediate oxidation product by pressure drop adjustments

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 19. Document ID: US 5824819 A

L6: Entry 19 of 32 File: USPT Oct 20, 1998

US-PAT-NO: 5824819
DOCUMENT-IDENTIFIER: US 5824819 A

TITLE: Methods of preparing an intermediate oxidation product from a hydrocarbon by utilizing an activated initiator

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw. De

☐ 20. Document ID: US 5817868 A

L6: Entry 20 of 32 File: USPT Oct 6, 1998

US-PAT-NO: 5817868
DOCUMENT-IDENTIFIER: US 5817868 A
** See image for Certificate of Correction **

TITLE: Method and devices for controlling the oxidation of a hydrocarbon to an acid by regulating temperature/conversion relationship in multi-stage arrangements

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw. De

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Terms	Documents
L3 and (562/$)	32

Display Format: - Change Format

Previous Page Next Page Go to Doc#

Hit List

First Hit | Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Search Results - Record(s) 21 through 30 of 32 returned.

☐ 21. Document ID: US 5801282 A

L6: Entry 21 of 32 File: USPT Sep 1, 1998

US-PAT-NO: 5801282
DOCUMENT-IDENTIFIER: US 5801282 A

TITLE: Methods of making intermediate oxidation products by controlling pre-coalescing temperature and transient temperature difference in an atomized liquid

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De

☐ 22. Document ID: US 5801273 A

L6: Entry 22 of 32 File: USPT Sep 1, 1998

US-PAT-NO: 5801273
DOCUMENT-IDENTIFIER: US 5801273 A

TITLE: Methods and devices for controlling the reaction rate of a hydrocarbon to an intermediate oxidation product by pressure drop adjustments

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De

☐ 23. Document ID: US 5705682 A

L6: Entry 23 of 32 File: USPT Jan 6, 1998

US-PAT-NO: 5705682
DOCUMENT-IDENTIFIER: US 5705682 A

TITLE: Process for producing highly pure terephthalic acid

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De

☐ 24. Document ID: US 5654475 A

L6: Entry 24 of 32 File: USPT Aug 5, 1997

US-PAT-NO: 5654475
DOCUMENT-IDENTIFIER: US 5654475 A

TITLE: Methods of making intermediate oxidation products by controlling oxidation rates in an atomized liquid

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 25. Document ID: US 5614159 A

L6: Entry 25 of 32 File: USPT Mar 25, 1997

US-PAT-NO: 5614159
DOCUMENT-IDENTIFIER: US 5614159 A

TITLE: Process for the purification of an oxidation off gas with energy recovery

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 26. Document ID: US 5583254 A

L6: Entry 26 of 32 File: USPT Dec 10, 1996

US-PAT-NO: 5583254
DOCUMENT-IDENTIFIER: US 5583254 A
** See image for Certificate of Correction **

TITLE: Process for the production of purified terephthalic acid

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 27. Document ID: US 5580531 A

L6: Entry 27 of 32 File: USPT Dec 3, 1996

US-PAT-NO: 5580531
DOCUMENT-IDENTIFIER: US 5580531 A

TITLE: Devices for making reaction products by controlling transient conversion in an atomized liquid

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 28. Document ID: US 5558842 A

L6: Entry 28 of 32 File: USPT Sep 24, 1996

US-PAT-NO: 5558842
DOCUMENT-IDENTIFIER: US 5558842 A

TITLE: Devices for making reaction products by controlling pre-coalescing temperature and transient temperature difference in an atomized liquid

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw. D

☐ 29. Document ID: US 5502245 A

L6: Entry 29 of 32 File: USPT Mar 26, 1996

US-PAT-NO: 5502245
DOCUMENT-IDENTIFIER: US 5502245 A

TITLE: Methods of making intermediate oxidation products by controlling transient conversion in an atomized liquid

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw. D

☐ 30. Document ID: US 4956493 A

L6: Entry 30 of 32 File: USPT Sep 11, 1990

US-PAT-NO: 4956493
DOCUMENT-IDENTIFIER: US 4956493 A

TITLE: Process for producing methacrylic ester

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw. D

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Terms	Documents
L3 and (562/$)	32

Display Format: - Change Format

Previous Page Next Page Go to Doc#

Hit List

First Hit | Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Search Results - Record(s) 31 through 32 of 32 returned.

☐ 31. Document ID: US 4302595 A

L6: Entry 31 of 32 File: USPT Nov 24, 1981

US-PAT-NO: 4302595
DOCUMENT-IDENTIFIER: US 4302595 A

TITLE: Process for the preparation of terephthalic acid by the hydrolysis of intermediate stage crude dimethyl terephthalate

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 32. Document ID: US 4259522 A

L6: Entry 32 of 32 File: USPT Mar 31, 1981

US-PAT-NO: 4259522
DOCUMENT-IDENTIFIER: US 4259522 A

TITLE: Process for the production of isophtahalic acid

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Terms	Documents
L3 and (562/$)	32

Display Format: - Change Format

Previous Page Next Page Go to Doc#